



VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT BRAVO II (198_) 1.6 D Multijet (198AXH1B)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #17
- Drive socket # 10
- Drive socket # 17
- Drive socket # 19
- Drive socket # 21
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Phillips Screwdriver
- Pin punch
- Tap wrench
- Hammer
- Crow bar
- Hydraulic transmission jack
- Wheel chock

AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the front of the car and secure on supports.

4

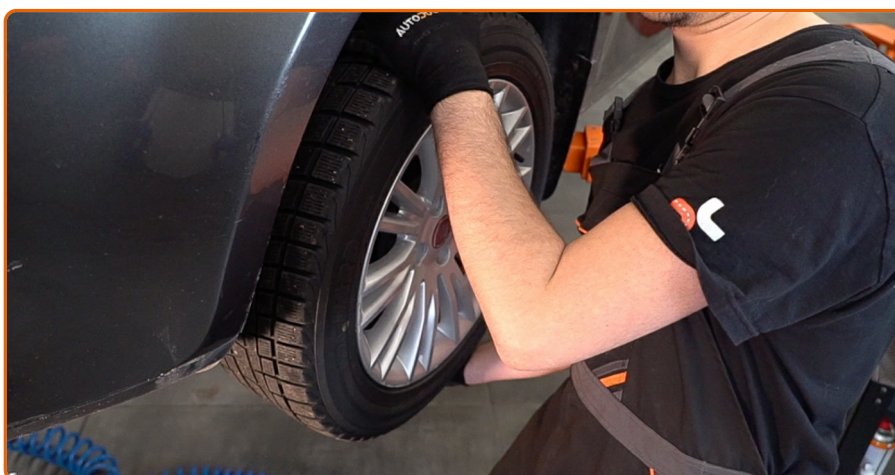


Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



Remove the wheel.

6



Unscrew and remove the wheel arch cover fasteners. Use a Phillips screwdriver. Use a drive socket #10. Use a ratchet wrench.

7



Remove the wheel arch cover.

8


Clean the fastener connecting the ball joint to the steering knuckle. Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

9

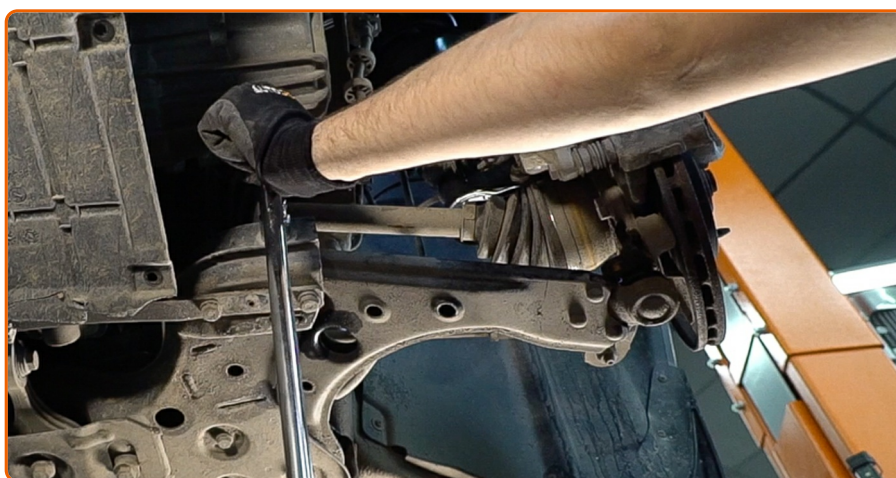

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.

10



Remove the fastening bolt.

11



Unscrew the front arm fastener. Use a drive socket #21. Use a tap wrench.

12



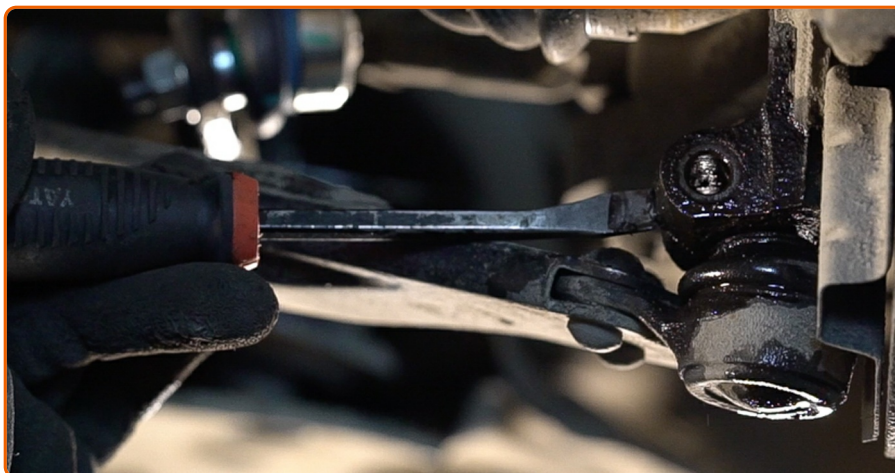
Unscrew the rear arm fastener. Use a drive socket #19. Use a tap wrench.

13



Remove the fastening bolts (2 pieces).

14



Release the fastener connecting the ball joint to the steering knuckle. Use a crowbar. Use a hammer.

15



Disconnect the ball joint from the steering knuckle

16



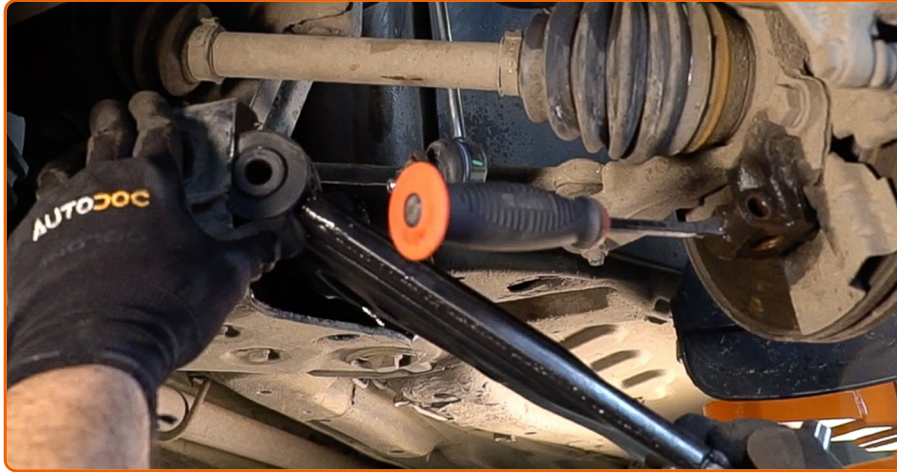
Remove the arm. Use a crowbar.

17



Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

18

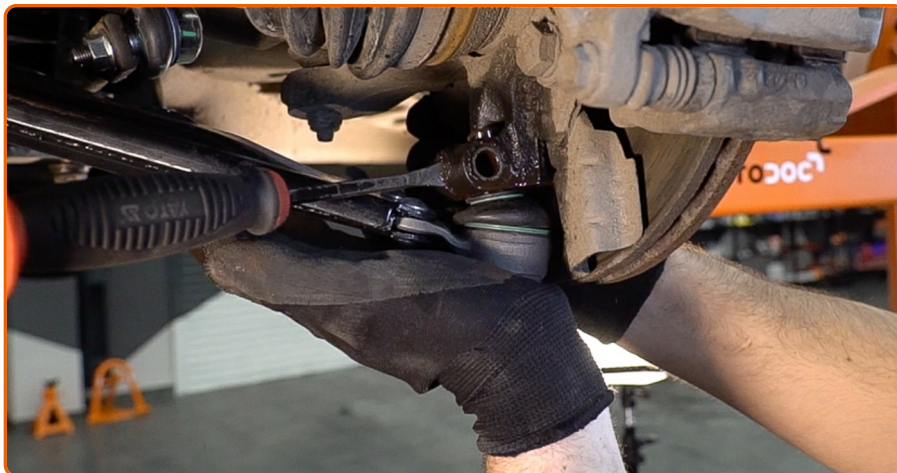


Install a new arm. Use a pin punch.

AUTODOC recommends:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

19



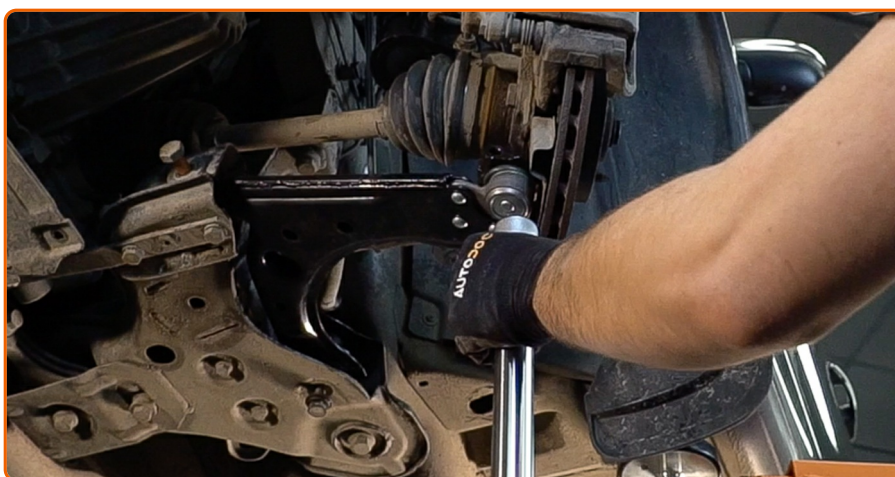
Connect the ball joint to the steering knuckle.

20



Install the control arm fasteners.

21



Support the arm. Use a hydraulic transmission jack.

22

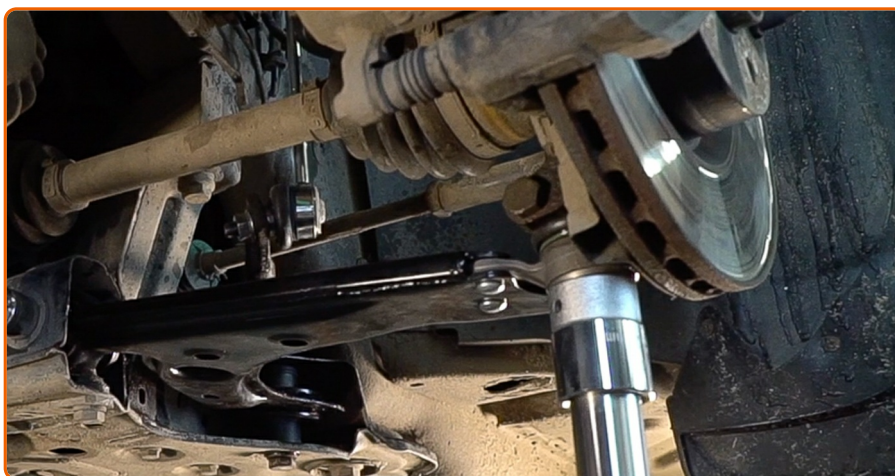
Install the fastening bolt.

23



Screw the fastener connecting the ball joint to the steering knuckle. Use a drive socket #17. Use a combination spanner #17.

24



Raise the hydraulic transmission jack by 10-15 cm.

25



Tighten the ball joint fastener. Use a drive socket #17. Use a combination spanner #17. Use a torque wrench. Tighten it to 65 nm torque.

26



Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #21. Use a torque wrench. Tighten it to 90 nm torque.

27



Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #19. Use a torque wrench. Tighten it to 75 nm torque.

28



Remove the support from under the arm.

AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

29



Install the wheel arch cover to its mounting seat.

30



Install and tighten the wheel arch cover fasteners. Use a Phillips screwdriver. Use a drive socket #10. Use a ratchet wrench.

31



Treat all joints of the arm. Use copper grease.

32



Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.

33



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

34



Screw in the wheel bolts. Use wheel impact socket #17.

35



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.

36



Remove the jacks and chocks.

**DID YOU FIND THESE INSTRUCTIONS
HELPFUL?**

YES

NO



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